Penggunaan Diagram Venn untuk Analisa Level Kognitif Mahasiswa Berdasarkan Taksonomi Bloom pada *Conceptual Learning* tentang Fluida Dinamis

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Evaluasi pembelajaran Fisika yang baik memerlukan dasar salah satunya Taksonomi Bloom. Penelitian ini bertujuan untuk memaparkan analisa sebaran level kognitif (maha)siswa dan menyajikannya dengan Diagram Venn serta menyelidiki apakah *Conceptual Learning* tentang Fluida Dinamis dapat membantu (maha)siswa mencapai level kognitif mengingat, memahami dan mengaplikasikan. Semua data dianalisis secara desktriptif kualitatif. Responden penelitian ini adalah 27 mahasiswa Fisika dan Pendidikan Fisika UKSW angkatan 2015. Hasil *post-test* menunjukkan 89% mahasiswa ada di semua irisan Diagram Venn. Jadi, *Conceptual Learning* tentang Fluida Dinamis efektif membantu mahasiswa untuk mencapai level kognitif yang ditargetkan serta penyajian level kognitif Bloom dengan Diagram Venn mempermudah pembacaan dan analisa sebaran level kognitif (maha)siswa.

Kata kunci: level kognitif Bloom, Diagram Venn, irisan, *Conceptual Learning*

A good physics learning evaluation requires foundations, which one of them is Bloom's Taxonomy. This study aims to analyze the distribution of students' cognitive level and present it in the Venn Diagram and also to investigate whether Conceptual Learning on Fluid Dynamics can help students achieve cognitive level of remembering, understanding, and applying. Data were analyzed by using qualitative descriptive technique. Respondents of this study were 27 undergraduate students of Physics and Physics Education, batch 2015. The result of post-test showed 89% of undergraduate students were in all intersection of the Venn Diagram. Thus, the Conceptual Learning on Fluid Dynamics helps students effectively to achieve the targeted cognitive level. The presentation of Bloom's cognitive level using the Venn Diagram can facilitate the reading and analysis of students' cognitive level distribution.

Keywords : Bloom's cognitive level, Venn Diagram, intersection, Conceptual Learning